

Amendment Under 37 C.F.R. § 1.111
U.S. Appln. No.: 09/435,448

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The last paragraph on page 8 bridging to page 9 is amended as follows:

Fig. 5 is a cross sectional view along the line [A-A] I-I of Fig. 4 when the BGA type electronic part of Fig. 2 is mounted on the printed circuit board of Fig. 3;

IN THE CLAIMS:

The claims are amended as follows:

1. (Amended) A back electrode [type] electronic part comprising:
a main body including a circuit; and
electrodes arranged for solder bumps on a back surface portion of said electronic part and connected to said circuit[,]; [and] wherein

[wherein each of groups of] said electrodes are arranged into groups of electrodes at portions of the electrode arrangement [is];

said groups of electrodes are provided for a single first solder bump which is larger than second solder bumps for said electrodes arranged other than in said [corner portions] groups of electrodes[,]; and

[wherein] said groups of electrodes includes electrodes having a substantially same potential level when said circuit operates.

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2. (Amended) A back electrode [type] electronic part according to claim 1, wherein said electrodes are arranged in a matrix, and said groups of electrodes are [portions are 4] corner portions.

3. (Amended) A back electrode [type] electronic part according to claim 1, wherein said group of electrodes includes a non-contact electrode which is not connected to said circuit.

4. (Amended) A back electrode [type] electronic part according to claim 1, wherein one of said electrodes of said group is a signal electrode.

5. (Amended) A back electrode [type] electronic part according to claim 1, wherein one of said electrodes of said group is a ground potential electrode.

6. (Amended) A back electrode [type] electronic part according to claim 1, wherein one of said electrodes of said group is a power supply potential electrode.

7. (Amended) An electronic assembly comprising:
a back electrode [type] electronic part comprising:
a main body including a circuit, and

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electrodes provided on a back surface portion of said electronic part and connected to said circuit, wherein [groups of] said electrodes are arranged into groups of electrodes [said electrodes] at portions of the electrode arrangement [is]:

said groups of [integrated] electrodes[, and wherein said group of integrated electrodes] includes said electrodes having a substantially same potential level when said circuit operates;

said electronic assembly further comprising:

a printed circuit board having substrate electrodes corresponding to said electrodes provided for said electronic part, wherein one of said substrate electrodes as a first substrate electrode is provided for each of said groups of [integrated] electrodes, and said substrate electrodes as second substrate electrodes other than said first substrate electrodes are provided for said electrodes of said electronic part other than in said [integrated] groups of electrodes; and

solder bumps including first solder bumps connected with said groups of [integrated] electrodes and said first substrate electrodes and second solder bumps connected with said second substrate electrodes and said electrodes of said electronic part other than said [integrated] groups of electrodes.

8. (Amended) A back electrode [type] electronic part according to claim 7, wherein said electrodes of said electronic part are arranged in a matrix, and said groups of electrodes are [portions are 4] corner portions.

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9. (Amended) A back electrode [type] electronic part according to claim 7,
wherein one of said integrated electrodes of said group is a non-contact electrode which is not
connected to said circuit.

10. (Amended) A back electrode [type] electronic part according to claim 7,
wherein one of said integrated electrodes of said group is a signal electrode.

11. (Amended) A back electrode [type] electronic part according to claim 7,
wherein one of said electrodes of said group is a ground potential electrode.

12. (Amended) A back electrode [type] electronic part according to claim 7,
wherein one of said electrodes of said group is a power supply potential electrode.